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Applicant's disclosure, Applicant claims a configuration where at least a portion of the secondary overlaps with a portion of the primary coil. In the case of figure 6, secondary coil 608 fully overlaps primary coil 604. This configuration is not a trivial one due to interference between the two coils. (See Applicant's specification at paragraphs 41-43) However, an obvious benefit results in a reduction to tool length. This claimed overlapping configuration as well as the attendant interference considerations and tool length benefits are not taught or suggested by Heaton. Figures 5 and 6 of Heaton distinctly illustrate that the multiple antennas are spaced apart from one another in a non-overlapping configuration.

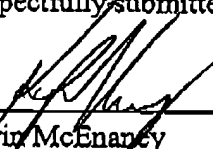
### Conclusion

On the basis of the above remarks, Applicant respectfully requests the Examiner to withdraw the rejections of the application so that the case may proceed expeditiously to allowance.

To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage of fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 19-0610 and please credit any excess fees to such deposit account.

Respectfully submitted,

Date: Feb 4, 2004

By:   
Kevin McEnaney  
Registration N° 46,258

Schlumberger Technology Corporation  
200 Gillingham Lane

FEB. 4. 2004 5:21PM

SCHLUMBERGER

NO. 904 P. 13

Schlu  
mberg  
er  
Private

Sugar Land, Texas 77478

(281) 285-7325 phone

(281) 285-4232 fax